10th Class 2017

Physics	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The main categories of waves are:

(a) 1 (b) 2 √

(c) 3 (d) 4

2- The intensity level of rusting of leaves is:

(a) 10 dB √ (b) 20 dB

(c) 30 dB (d) 40 dB

3- The unit of sound intensity is:

(a) Wm (b) Wm^{-1}

(c) Wm^2 (d) Wm^{-2} √

4- The change in the focal length of the eye lens is called:

(a) Modification (b) Induction

(c) Accommodation √ (d) Distinct vision

5- The unit of capacitance is:

(a) Ampere (b) Farad √

(c) Coulomb (d) Volt

6- The formula of e.m.f is:

(a) $E = \dfrac{J}{Q}$ (b) $F = \dfrac{W}{I}$

(c) $E = \dfrac{W}{Q}$ √ (d) $E = \dfrac{Q}{I}$

7- Transformer is used to change the value of:

(a) Charge (b) Energy

(c) Power (d) Voltage √

8- **The principle of working of transformer is:**

    (a) Self-induction

    (b) Electromagnetism

    (c) Mutual induction √

    (d) Electrostatics

9- **In C.R.O, the potential of grid is:**

    (a) Positive   (b) Zero

    (c) Neutral   (d) Negative √

10- **In computer terminology, the term machinery refers to:**

    (a) Software   (b) Hardware √

    (c) Data   (d) Procedure

11- **One byte is equal to:**

    (a) 4 bits   (b) 6 bits

    (c) 8 bits √   (d) 10 bits

12- **To diagnose the brain tumor, it is used:**

    (a) Iodine-131   (b) Phosphorus-32 √

    (c) Cobalt-60   (d) Carbon-14